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Roy Schoenberg

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EXAMINER

RAPILLO, KRISTINE K

ART UNIT

PAPER NUMBER

3626

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/824,705	Applicant(s) SCHOENBERG, ROY	
	Examiner KRISTINE K. RAPILLO	Art Unit 3626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 July 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) 3, 22 and 23 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-2, 4-21, 24-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>9/30/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Notice to Applicant

1. This communication is in response to the amendment submitted June 15, 2009. Claims 3 and 22 – 23 were previously cancelled. Claims 1 – 2, 4 – 21, and 23 – 41 are pending.

Claim Rejections - 35 USC § 112

2. The 35 U.S.C. 112, second paragraph objections to claims 13, 19, 32, and 38 are hereby withdrawn based upon the amendment submitted June 15, 2009.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1 - 38 rejected under 35 U.S.C. 103(a) as being unpatentable over Ross et al., herein after Ross (U.S. Patent Number 7,076,436 B1) in view of Wheeler et al., herein after Wheeler (U.S. Publication Number 2003/0097573 A1) further in view of Puchek et al., herein after Puchek (U.S. Publication Number 2003/0091158 A1).

In regard to claim 1 (Previously Presented), Ross teaches a data entry method comprising: in a computer-based medical record including a plurality of data fields (Figures 5, 6, and 7; column 1, lines 17 – 37 where the master patient module is equated to a computer based medical record), defining one or more data fields for which desired field data is to be acquired (Figure 5 where data fields include, but are not limited to, prescriptions, physician notes, and nurses notes); receiving, by said computer-based application, the desired field data from the data source (column 4, line 67 through column 5, line 3) where the desired data is the patient data; and, triggering, by said computer-based application, contacting said

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data source in possession of the desired field data in accordance with said schedule (Figure 5 and column 11, lines 13 – 19) where Ross discloses a method in which a schedule is set in which a physician must contact a patient. A schedule is interpreted as a window or time frame allotted to call.

Wheeler teaches a method comprising: automatically populating at least one of the one or more data fields with desired field data from a data source (Wheeler: paragraphs [0130] and [0299] where Wheeler discloses that the fields/menus can be automatically filled in by the computer using information stored in cookies),

Puchek teaches a method automatically comprising: receiving, by a computer-based application that is stored to a computer-readable medium and executing on a processor-based computer (paragraph [0014]): a schedule for contacting said data source to prompt said data source for the desired field data for said at least one data field (paragraph [0014]). Puchek discloses a personal communication device worn by a patient (i.e. data source) as well as a computer system which stores a contact plan (i.e. schedule). The computer contacts the patient's communication device using an automated phone call to transmit information to the patient.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include a method automatically comprising: receiving, by a computer-based application that is stored to a computer-readable medium and executing on a processor-based computer: a schedule for contacting said data source to prompt said data source for the desired field data for said at least one data field as taught by Puchek, within the method of Ross and Wheeler, with the motivation of providing a communication system which can automatically contact a patient and provide necessary reminders (paragraph [0009]).

In regard to claim 2 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 1. Ross teaches a method further comprising updating, by said computer-based application, the computer-based medical record to include the received desired field data (column 7, lines 15 – 16; column 9, lines 23 – 31; and, column 14, lines 12 – 19).

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In regard to claim 4 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 1. Ross further teaches a method wherein the data source is a patient and the medical record defines at least a portion of the medical history of the patient (column 9, lines 16 – 31) where the patient history is entered, thus the data source is the patient.

In regard to claim 5 (Original), Ross, Wheeler, and Puchek teach the method of claim 1.

Wheeler teaches a method wherein contacting a data source includes: authenticating the data source (Figures 5B, 8, and 12; paragraphs [0130], [0138], and [0153]).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to include a method wherein contacting a data source includes: authenticating the data source as taught by Wheeler, within the method of Ross, with the motivation of providing a method of electronically communicating information concerning medical records such as medical history, known allergies and major medical conditions (paragraph [0230]).

In regard to claim 6 (Original), Ross, Wheeler, and Puchek teach the method of claim 5. Ross further teaches a method wherein authenticating the data source includes: requiring that the data source enter an electronic password (column 6 lines 50 – 64 and column 12, line 46 through column 13, line 2). Although Ross does not explicitly teach a data source (or patient) entering an electronic password, it is obvious that the same process would be used to enter the password regardless of who was entering the password.

Wheeler teaches a method including receiving the electronic password (paragraph [0148]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 7 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 5.

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Wheeler teaches a method wherein authenticating the data source includes: requiring that the data source speak a verbal password (paragraphs [0149] and [0241]) and receiving the verbal password (paragraphs [0149] and [0241]) where Wheeler discloses verbal authentication.

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 8 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 5.

Wheeler teaches a method wherein authenticating the data source includes: requiring that the data source provide an authenticating digital certificate (paragraphs [0007], [0008], [0009], [0010], and [0011]) and receiving the authenticating digital certificate (paragraphs [0007], [0008], [0009], [0010], and [0011]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 9 (Original), Ross, Wheeler, and Puchek teach the method of claim 1.

Wheeler teaches a method wherein contacting a data source includes: transmitting an email to the data source (Figure 57 and paragraph [0259]) where a customer can be equated to the data source (patient).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 10 (Original), Ross, Wheeler, and Puchek teach the method of claim 9. Ross teaches a method wherein contacting a data source further includes: providing the data source with text-based instructions concerning the desired field data (Figure 5; column 9, lines 23 – 31; column 10, lines 48 – 49; and column 11, lines 39 – 43).

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In regard to claim 11 (Original), Ross, Wheeler, and Puchek teach the method of claim 1. Ross teaches a method wherein contacting a data source includes: telephonically contacting the data source (column 5, lines 27 – 35) where Ross discloses a telephone system which can be used for network communication. Although Ross does not explicitly teach contacting a data source via a telephone, it would be obvious that this communication could occur based on the existence of a telephone system.

In regard to claim 12 (Original), Ross, Wheeler, and Puchek teach the method of claim 11.

Wheeler teaches a method wherein contacting a data source includes: providing the data source with speech-based instructions concerning the desired field data (paragraphs [0213]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 13 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 1. Ross further teaches a method wherein the desired field data concerns a numeric range-based variable that can accept any numeric value within a range of valid numeric values (Figure 5; column 7, lines 15 – 16; column 9, lines 23 – 31; and column 11, lines 12 – 19) where Ross discloses a method where vital signs are recorded. The Examiner interprets a range of valid numeric values to be any value read during a reading of a vital sign.

In regard to claim 14 (Previously Presented), Ross teaches a data entry method comprising: in a computer-based medical record including a plurality of data fields (Figures 5, 6, and 7; column 1, lines 17 – 37), defining one or more data fields for which desired field data is to be acquired (Figure 5), wherein the medical record defines at least a portion of the medical history of a patient (column 9, lines 15 – 31); receiving, by said computer-based application, the desired field data from the patient (column 4, lines 15 – 31); and updating, by said computer-based application, the computer-based medical record to include the received desired field data (column 7, lines 15 – 16 and column 14, lines 12 – 19). triggering, by said computer-based application, telephonically contacting the patient (Figure 5 and column 11, lines 13 – 19).

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Wheeler teaches a method comprising: automatically populating at least one of the one or more data fields with desired field data from the patient (paragraphs [0130] and [0299]).

Puchek teaches a method automatically populating comprising: receiving, by a computer-based application that is stored to a computer-readable medium and executing on a processor-based computer, a schedule for contacting said patient to prompt said patient for the desired field data for said at least one data field (paragraph [0014]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 1, and incorporated herein.

In regard to claim 15 (Original), Ross, Wheeler, and Puchek teach the method of claim 14.

Wheeler teaches a method wherein telephonically contacting the patient includes: authenticating the patient (Figures 5B, 8, and 12; paragraphs [0130], [0138], and [0153]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 16 (Original), Ross, Wheeler, and Puchek teach the method of claim 15. Ross further teaches a method wherein authenticating the patient includes: requiring that the patient enter an electronic password (column 6 lines 50 – 64 and column 12, line 46 through column 13, line 2).

Wheeler teaches a method including receiving the electronic password (paragraphs [0148] and [0149]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 17 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 15.

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Wheeler teaches a method wherein authenticating the patient includes: requiring that the patient speak a verbal password receiving the verbal password (paragraphs [0149] and [0241]). Wheeler discloses a biometric value.

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 18 (Original), Ross, Wheeler, and Puchek teach the method of claim 14.

Wheeler teaches a method wherein contacting a patient includes: providing the patient with speech-based instructions concerning the desired field data (paragraphs [0213]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

In regard to claim 19 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 14. Ross further teaches a method wherein the desired field data concerns a numeric range-based variable that can accept any numeric value within a range of valid numeric values (Figure 5; column 7, lines 15 – 16; column 9, lines 23 – 31; and column 11, lines 12 – 19).

In regard to claim 39 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 1. Ross further teaches a method comprising where at least one data field for which said data source is to be contacted in accordance with said schedule (Figure 5 and column 11, lines 13 – 19).

Wheeler further teaches a method comprising: receiving, by the computer-based application, selection of said at least one data field for which said data source is to be contacted in accordance with said schedule to prompt said data source for the desired field data (Figures 24 and 28; paragraphs [0231], [0234], [0241], and [0245]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

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In regard to claim 40 (Previously Presented), Ross, Wheeler, and Puchek teach the method of claim 14. Ross further teaches a method comprising where at least one data field for which said data source is to be contacted in accordance with said schedule (Figure 5 and column 11, lines 13 – 19).

Wheeler further teaches a method comprising: receiving, by the computer-based application, selection of said at least one data field for which said data source is to be contacted in accordance with said schedule to prompt said data source for the desired field data (Figures 24 and 28; paragraphs [0231], [0234], [0241], and [0245]).

The motivation to combine the teachings of Ross, Wheeler, and Puchek is discussed in the rejection of claim 5, and incorporated herein.

Computer program product claims 20 – 38 and 40 - 41 repeat the subject matter of method claims 1 – 19 and 39 as a set of apparatus elements rather than a series of steps. As the underlying elements of claims 1 – 19 and 39 have been shown to be fully disclosed by the teachings of Ross, Wheeler, and Puchek in the above rejection of claims 1 – 19 and 39, it is readily apparent that the computer program product apparatus performs these steps. As such, these limitations (20 – 38 and 40 - 41) are rejected for the same reasons given above for method claims 1 – 19 and 39, and incorporated herein.

Response to Arguments

5. Applicant's arguments filed June 15, 2009 have been fully considered but they are not persuasive. Applicant's arguments will be addressed herein below in the order in which they appear in the response filed June 15, 2009.

In response to the Applicant's argument regarding claim 1, it is respectfully submitted that the Examiner has applied new prior art to the claims. As such, Applicant's remarks with the regard to the application of Ross and Wheeler are moot.

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Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KRISTINE K. RAPILLO whose telephone number is (571)270-3325. The examiner can normally be reached on Monday to Thursday 6:30 am to 4 pm Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Luke Gilligan can be reached on 571-272-6770. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KKR

/C. Luke Gilligan/
Supervisory Patent Examiner, Art Unit 3626